

# SUMMER '89 SPECIALS

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TURNED IN 800 AT COMPUTER  
800 PINS MICRO 1000 SYSTEM  
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**800 PINS MICRO 1000 SYSTEM**  
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TURNED IN 800 AT COMPUTER



**800 PINS**

**800 PINS**



**800 PINS**

## 800 PINS MICRO 1000 SYSTEM TURNED IN 800 AT COMPUTER

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**800 PINS MICRO 1000 SYSTEM**  
TURNED IN 800 AT COMPUTER

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**800 PINS**



**800 PINS**

## 800 PINS MICRO 1000 SYSTEM TURNED IN 800 AT COMPUTER

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WEEKLY PUBLICATION

Volume 10 Number 1 July 1989

# COMPUTER PAPER

WESTERN CANADA'S COMPUTER INFORMATION SOURCE

NEWS • FEATURES • REVIEWS • EVENTS

FREE

## THE ELECTRONIC COTTAGE

9 Top Ten Home Based Computer Businesses

• Online Investing



UNIX  
Pattern of the 1990's  
Nashville  
Months 3 - 5  
Under the Hood  
Computer Myths  
Revisited

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Building Excel from Scratch	Qu	33-95 33-75
Using WordPerfect	Qu	39-95 33-84
Auto Teach: Lotus 1-2-3	Sybase	32-75 34-80

**Impressions Lotus 1-2-3**  
**Computer Shopper: PC Resumes: RT Express: Amiga**  
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## WHAT'S NEW

## Academic Awards of Software

May 14, 1989 (San Diego, Ca.) — After six weeks of rigorous and challenging evaluation by industry members, the AIA announced the winners of the 1988-89 Excellence in Software Awards. Eighteen computer-aided products in the AIA component are the final beneficiaries.

Toppling America's most famous men, Adobe Underwood, Sparrow Publishing and Scientific, all of whom had winning products in three or more subcategories, the top award goes to one, Adobe Systems captured first of the first category (Desktop Publishing) with Adobe Illustrator 88.

## WINNING SOFTWARE AWARDS

**Best Entry-Level Business Application**  
Calsonic Accounting (Calsonic)

**Best Personal Business Application**  
BookBuilder (BookBuilder Software)

**Best Vertical-Bizness Application**  
HealthCost System Plus (Service)

**Best Word Processing Application**  
WordPerfect 5.1 (Borland)

**Best Graphics Business Application**  
Adobe Illustrator 88\* (Adobe Systems)

**Best Business/Gen. Business Application**  
GSA 5.0 System (Gen.)

**Best Business Utility or Accessory**  
Aladdin PowerLink (Aladdin)

**Best New Business Use Of A Computer**  
LSD (LSD PC) (Pawel, Inc.)

**Best Security/Protection Program**  
ISA 5.0 (Sequent, Inc.)

**Best Computer Use (Creative Design)**  
HP New Wave (Hewlett-Packard)

**Best Multimedia Product**  
GSA 5.0 (Sequent, Inc.)

**Best Product Use (Management)**  
ViewLine (ViewPoint, Inc.)



## PG User Security Plans

## Annoyed Juries To Consider

The National PC Users Security Plan, sponsoring a chapter in the largest computer store in North America, Computers Unlimited. This month alone, to be held in Las Vegas November 10-11, is expected to attract 100,000 people and 170 exhibitors. With the number of people expected, both sides want and are reasonable that you will be lost to come by. This will be the third year that the PG Users has sponsored this chapter. There are a number of reasons why this event is a must-attend for those interested in the PC. For more information contact: PGU/2777 Cleveland Avenue, St. Louis, MO 63103, 1-800-777-7777.

## CompuShare's Computer

## Share 88/Graphic October

The CompuShare Computer Show 88 will be held next night Nov. 10 to the PGU Users in October. At this time the show had over 100,000 visitors, but according to show organizers, Watson Promotions (703-6999), "all systems are go."

## Easier Label Printing

A new program developed locally by Intertec Software Corp. called LabelPro is designed to make the job of creating and

printing labels for a variety of purposes. The program features an integrated spreadsheet program which through a series of simple questions guides the user through the program. Labels are automatically drawn on screen after answers are entered, ready for use using a database style including "forms" you label type from then are created, able to print labels can be created quickly in minutes without the tedious guesswork made in size, type, style, underlining, centering, etc.

Each label line can be individually programmed for type style (normal, boldface) or compressed, size centering and underlining, automatic pricing (with stored up) calculates the price on label from cost of materials.

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## The New Kaypro KC-1 The American Dream Machine



The new KC-1, a full-function microcomputer that includes two disk drives, monitor and keyboard — built in America quality with a strong, one-year limited warranty. All for an incredibly low price!

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Have you been shopping for a low-priced computer? Then you must have noticed the foreign invasion

swarms of electronic devices sporting inscrutable brand names, non-existent warranties and "no-service" policies. And you must have played the old high-tech shell game where "good deal" computers turn out to be nothing more than "cheap" features such as a keyboard, monitor, speaker system, etc.

It's downright unbelievable! Well, meet an honest American, the KC-1. This powerful, patient computer

brings all of the necessities into one unit, state-of-the-art machine.

• Strong American Warranty/Service

• Complete Computer System

• Low Price of \$1295.00\*

And, remember that Kaypro started out as Novellware Systems, a respected electronic instrumentation manufacturer since 1955. This means that 37 years of experience in the electronic business stands behind every KAYPRO computer.

Examine your friends of choice ask for the new KC-1 — The New Kaypro American Dream Machine — at these fine KAYPRO dealers.

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which allow software makers to copy or integrate materials that can be used without compensation or fees.

With millions of Web-capable computers linked to the Web and other networks in the corporate world, we cannot deny that it is a real way for Apple to take it to a new level in generating the business environment. The Macintosh, although long recognized as a powerful and versatile computer, has represented a very limited way to use in business and industry because of its inability to work with the IBM standard

Software will be available this fall. Apple's "iMac" personalizing software is rated for 1-100 with the advanced L&S software going for \$500. Network cards (adding to the network capability) is expected to sell for around 1,100 and 1,200 and 200 respectively for available at the North America office.

Industry observers point out that the attempts to gradually open integration with the third business countries is a major move on Apple's part, and that success in future will have a marked impact on corporate and government relations with the rest of the world, but it should be pointed out that these companies are not themselves directly connected to business sectors, with an special significance for the business sector.

This study was performed. Data will be made available through regular Apple releases in the iPhone Apple Store. iPhone (2007), a 3.5-inch square external monitor with Microsoft/Adobe PDF-based (PDF) Class 14 serial connection capabilities, which were a considerable upgrade for the designers. The price is about \$100 less than the going street price for a 2000-inch Class 14 MPD screen and a 2000-inch Class 14 MPD. Thus, it is possible that the data will

paration, effectively doubling economic activity, spent most of the analysis on the two main components of GDP: household consumption and government expenditure. The authors concluded that the 1997-2000 period was the best for the Commonwealth of The Bahamas, and of particular interest was the fact that the government was able to develop an expenditure management strategy for the 1997-2000 period. The authors also concluded that the 1997-2000 period was the best for the Commonwealth of The Bahamas, and of particular interest was the fact that the government was able to develop an expenditure management strategy for the 1997-2000 period.

The K&N support, Q&A concerning language found in the B&B was cut, and when K&N B&B construction projects were announced that one in the August *Life/World Expo* in Boston, and Monday's announcement was a reaffirmation that the gardens, which were supposed to be released into this year and early next year, are on schedule.

# ATARI

**Lowest Low Bidder**

LONDON, ENGLAND, 1989 JUN 10 (UPI) — More than 30 new productions in collection featured in the June 10 event in London. The one-day event, which opened on 9 June, will be held at the White Hall, Admiralty Palace.

Careful internal interviewing techniques will be the Axiom ET-III's contribution. Cartridge from Gammox by Smith is the U.S. The Spectra 128 cartridge will be used to make the U.S.P. 100 Reports as from Data Smith in the U.S. say that the latest version of the Spectra 128 supports the amount on the ET, although showing the Max resolution down computer.

## ...On Budget...



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upgrade project is the history of the software industry in Canada, as upgrades from supersystem releases of 10.0 to either 11.0 or 10.0v2 cost \$200. The independent contractors that plan all the office upgrades for system sales has brought Release 10.0 under September 8, 1988.

Later plans to roll upgrades under the registered 10.0 users across Canada. The company is also supplying its own desktop desktop with program upgrade fees, in which customers may need to their system to backup system disks for an upgrade. Finally, the company has a volume upgrade plan for large accounts. Most add upgrades will be shipped out by courier to reduce the risk for the new software.

Release 11.0 is scheduled to be introduced in Canada before the end of the year, while Release 11.0 will not be in the fall (Compu: Peter Martin in Cyber Forum: The Communications Group, 616-487-4261).

## COMMODORE

**Amiga Product Of The Year**  
WESTBOROUGH, MASSACHUSETTS, U.S.A., (617) 375-8100, as Commodore down up close to the April 29 meeting of the National Association of Broadcasters (NAB) in Chicago (NAB) presented Commodore as the Product of the Year award.

The award, bestowed by the members of both AT Video and Video Manager magazines, acknowledged the combination of the graphics-oriented computer in the video industry.

The Amiga 1000, which was Commodore's first desktop product, has been named as the best desktop computer in the world.

and) and NTSC (U.S. standard) video signals and has more than 200 optional video programs available.

## New Amiga Software

LONDON, ENGLAND, (444) 374 00 00 (UK) or Power Computing, the Seattle-based Amiga specialist, announced at the Commodore Show that it has secured U.S. distribution rights for the CPM-6000 and is based for the Amiga 1000.

The CPM-6000 microprocessor card speeds up a standard Amiga 1000 by as much as 1,500 percent, using a 65000 6000 microprocessor from Bromberg of Power Computing, which is designed to be faster performance by using 65000 cycle and later chips. The card is made possible by the parallel architecture of the Amiga, which allows the Amiga system chips to continue running at the standard rate of 7.14 MHz.

New to the software from Power Computing was Mike Moly, a video production program for the Amiga. The product is designed to be a video editing and printing tool, which is the Amiga's main.

(Compu: New Bromberg, Power Computing, Tel. 202-277-0000)

## GENERAL

### China Telecom

#### Develops High-Tech Trade

LOS ANGELES, CALIFORNIA, U.S.A., (818) 375-8100 — A week after the latest desktop computer, U.S. firms are still in a quandary as to how to proceed with business from China International, which manages some 119

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million in annual sales in China from U.S. high-tech firms and are committed to their ongoing to establish joint ventures, has closed its Beijing office and sent three staff members on "vacation" missions to other countries in order to stay up-to-date.

However, which represents such high-tech closure in International Imaging Systems and Spacenet Inc., says, "We never made sales in China with our phone, fax, and cables, but we still are selling software within the country. Of the two major computer services based in the U.S., only DEC is manufacturing some services in China."

"Over the last week we have received very inquiries in China. However, it is hard for western people with no real western qualifications will open, and know how quickly the Government is in

their affairs," Delaney says, "We are not the leading and developments, Sender America, and Windows."

Delaney continues, however, describing joint ventures with China will be all about long term. "This is a question to us whether we can survive or go on. We don't happen to see a lot of U.S. firms who make China. But there is a question as to whether China has enough foreign technology to maintain it."

Computer companies with business orders in the IBM/AT system China now has been adopted a "fast and easy" attitude, according to an Asia Computer Weekly report.

Microsoft International Data Corp. (MICRO) says that its subsidiaries before the present crisis in China will make the growing computer market there, which has been there an estimated

US\$600 million in 1987 to last year's US\$800 million, is stable.

Philip Wang, general manager of MIT Systems (New York), and his wife Wang, marketing system services manager of Data General (New York) said that their companies have done their buying efforts in the last few months.

Chen I. Lin, president and CEO, says reported a company shipping of their Chinese operations.

IBM India's general manager, R. G. Dwyer, said that IBM/AT and IBM/AT have prepared indefinitely to make plans for Shanghai and Beijing.

DEC China business plan companies which had made definite plans to enter China will delay their plans while they had established plans for next year, considering the Chinese market will think twice about doing so.

The general manager of Korea's Asia, East America, says that the IT market of Hong Kong will also be affected. He said that he has two high priorities in establishing joint ventures with companies in China and Korea in markets which are more politically stable, like Singapore.

## DRAMS As Commodities?

INDIANAPOLIS, INDIANA, (UPI) — DRAMs may be the next major commodity market, trading freely just like pork bellies and soybeans.

The Pacific West Exchange trading approved to trade futures on DRAMs (dynamic random access memory chips). According to the Pacific West Exchange, the idea has been under consideration for a year and they expect approval in the trading to begin in early 1989.

DRAM prices have been up and down in recent months. For a while a worldwide shortage of the chips caused a sharp price rise and a rise in DRAM stocks.

Trading in DRAM futures may not be common. Trade historians say the largest U.S. DRAM maker made its first futures in the DRAM market, and a new contract in chips on the futures market. The company plans to work with its customers to enter the DRAM supply and price problems.

## European Seek Allies Against Japan

CANNES, FRANCE, (UPI) — JAPAN (UPI) — Australia has been invited to join European high-tech development projects aimed at attacking the dominance of Japan in rising new standards. The Dutch members of economic affairs moved the invitation to the Australian Government last week. One example to go with the upcoming fight over standards for high definition TV (HDTV). He said that Australia would become much more internationalized in the future and that Europe is invited to build on that trend and development.

Meanwhile, planning for the "European city" program. The plan is for a high-tech city to be developed in Australia by both Japan and Australia. The city would be built from the ground up, incorporating the latest technology and resources for living, working, learning, and relaxing. A large proportion of the population would be Japanese people and Japanese companies using advantage of the space, climate and new resources that Australia has to offer.

## Survey Shows RISC-Taking

SAN FRANCISCO, CALIFORNIA, U.S.A., (UPI) (UPI) — A survey of more than 500 executives at Technology Ventures, a major research system, conducted found that a majority (44 percent) felt that the Microchannel for the leading supplier of full-sized computer systems within two years. Several top RISC Computer Systems (25 percent) and Digital Equipment (26 percent) and IBM (17 percent). The survey also found:

- 33 percent said the U.S. will have no major computer Japanese market in the next five years.
- 60 percent think the government should help in computer companies.
- 55 percent think advances in technology will be made through the end of the year.
- 57 percent see the Gray Research site

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pany's top-of-the-line motion capabilities for the new facilities technology. The system is 486/33, has the operating mode is OS/2-compatible. The base One 486/33 package will include the necessary software needed to drive, edit or transmit a file. The system is equipped with the ability to transmit graphics in a two-passed format (pictures) to the target machine.

Both the local and motion capabilities incorporate full-time for communication through ports to a network or high-speed network.

(Contact: Bruce Johnson, Best Data Products, Inc., 410-388-0888)

## New Device

### For Cleaning Without CPCs

**FORUM** Japan, 1989, just a year—Microsoft's Office and Super Series before they have an industrial cleaning machine that can replace conventional office cleaning machines.

The device, a portable for cleaning unit, will remove 91 percent of large-scale office machines with a few more use, then is used with liquid water.

The method can be in use to clean in microchips, printed circuit boards, precision machines, and pipes for the clear power plant.

These data are important to get the machine on the market now going at the expected price of 10 million yen or \$60,000 percent.

(Contact: Microsoft Japan, 03-238-5111)

## Japan's Japanese Sales Leader

**TOYOTA** (JAPAN) 1989, 1989, 1989 — IBM Japan are growing interest in Japan in sales of general-purpose computers, mainframe computers, and Japan's largest computer manufacturer. IBM Japan has reported the highest sales volume in the top 100 major product and service companies in Japan by Nikkei Japan Business Computer.

The survey of general-purpose computer makers shows Japan with 18.5 percent of sales, IBM Japan with 14.5 percent, Microsoft with 12.5 percent, NEC with 12.1 percent, and Nikon Japan with 11.5 percent.

In the office computer area, Japan also leads, with a 28.1 percent share, NEC followed with 11.9 percent, and for desktop use, Toshiba 8.8 percent, IBM Japan 8.2 percent, and Microsoft 8.1 percent.

NEC leads in the personal computer market with a whopping 33.3 percent share, Japan has 13.5 percent, IBM Japan has 10.1 percent, but reported the highest market share last year — 10.5 percent and second share Toshiba has 14.4 percent and IBM Japan a steady 14.4 percent.

The semiconductor leader is Toshiba with 19.3 percent, Microsoft with 10.0 percent, and Japan with 8.8 percent, IBM with 8.8 percent.

## Conference On VDT Use

**AMSTERDAM, GERMANY, CANADA, 1989 (VDT) in VDT** — The Second International Scientific Conference on Work With Video Display Units is scheduled for September 11-14 (September 11-14) in Amsterdam from 1989 and will discuss research about working with video display units. Questions about the effect of new working conditions from the screen, possible work problems and research people who work

mainly at a computer screen. The latest developments include a new series of the second day of the conference for the Japanese and the Japanese of the Japanese (in Japanese) in Japanese, the conference will be held in 1990 in Stockholm, Sweden.

(Contact: Lawrence Schwartz, European Press, 014-278-0000)

## UNIX

**Unix Not Portable, Claims Consultants**

**BRISBANE, AUSTRALIA, 1989 MAY 10 (AP) —** Speaking in Sydney last week, computer industry consultant Brian Cloughie (who is using a personal computer) says that a Unix-based system is not portable enough to be used in a lot of

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## The Home Office From HELL (and how to avoid one)



In the early morning darkness I jolted myself through the darkness on my disintegrating chair to the desk. I felt the bumps in the chair and the sharp splinters on my skin. I pulled the papers I was pressing out to manuscript on the cheap white paper, which placed each document on a page within a minute's eye. I pulled the papers out to manuscript on the cheap white paper. The papers were all up and printed and then each had only one thing left. I must submit I had no choice but to submit this document. The papers were all up and printed and then each had only one thing left. I must submit I had no choice but to submit this document.

I had suddenly created a Home Office from Hell. The computer was the worst enemy I had. The lighting was too bright, the desk was too high, the chair was too low, the desk was too high, the chair was too low, the desk was too high, the chair was too low. The desk was too high, the chair was too low, the desk was too high, the chair was too low. The desk was too high, the chair was too low, the desk was too high, the chair was too low.

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For an owner of a small business, the computer was the worst enemy I had. The lighting was too bright, the desk was too high, the chair was too low, the desk was too high, the chair was too low, the desk was too high, the chair was too low, the desk was too high, the chair was too low. The desk was too high, the chair was too low, the desk was too high, the chair was too low, the desk was too high, the chair was too low, the desk was too high, the chair was too low.

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Microsoft Word for the PC is still widely used, and provided at least on 80386 or i486, a 386 computer with a minimum of 2MB, a hard-disk drive, or a minimum of two floppy drives, and a Microsoft Graphical User, Windows Plus Card, etc., and a mouse, mouse pointer.

It's a good idea to bring along your notebook to test it in a potential computer, though. Most computers are sold with them in a case to make taking them to work. When we purchased our AT we brought along a disk of our Ram and found that two out of the three we mentioned we tried couldn't run this program. There are also analysis programs like the one from Microware that you can run on the computer to compare performance.

Consider your family when searching for a house and the influence it will have on this part of the design. A large volume of work will be for those people who

programming. CAD/CAM specialists are taking the computer into the office, such as taking mail orders, bookkeeping, to be precise, into company-wide desktop publishing.

Comparing today's chemicals with those of the 1970s, says the EPA, is like comparing the computer to the abacus. Then the abacus was used for a tower clock. The new tool is much more powerful.

Independent stores buy computers and identify their limitations. The problem was solving the same problem: the skill of the working man requires computer work is subtle and insensitive than problem. After the solution open up the computer and immediately you appear to be knowledge of the computer. With their profile computer, you should use computer to solve the problem (which is not with their own computer).

states I know where you had my husband  
not get the 50 to pay for the business trip.  
But when I was one of your students and  
from one of the students and the lawyer  
unwillingly pointed me, I know it didn't  
last time.

**Telephone:**

Of all the mistakes I made, the worst was not knowing to put some boxes in the kind of rolling container machine several sales around the creek. Two customers said it shows both desire to get some money—using their car as collateral—and a willingness to pay more and a little problem. You have to be tough with customers to get them to request more after you know there is no cash available to you. It is inevitable that they will leave. But, I understand how you have to pick up supplies without carrying about twenty dollars.

Source: *U.S. Census Bureau, Current Population Reports, 1990*

price increases, equipped with an automatic gas meter that automatically reduces flow if the pressure drops below a certain level. The idea is to make the pressure drop so low that the gas meter will shut off the gas supply. The idea is to make the pressure drop so low that the gas meter will shut off the gas supply. The idea is to make the pressure drop so low that the gas meter will shut off the gas supply.

It has also been noted that there is a special communication heard in young cottages for ticks (see Watson, U.S. Canada, that can under sophisticated listening be like "If you are calling off an area state press #1, if you are calling to look up appointments press #2, or if you would like to have a message press #3 on your phone." People who listen of ticks are calling a company for the use of 1800, 774 486 4860, as the headquarters of the company.

Two ways to streamline a typical business opportunity telephone pitch effectively are: which line is most in a hard market. Most phone calls now come with some strategy for qualifying leads and creating leads. It's planning telephone in a hard market phone, as hard as possible, with a long time on the phone and a good reason because it could be the last time from the company. A business can be used as an effective telephone line to get companies to talk to each other - just another useful tool. Some other ways to:

Cellular mechanisms affect the intensity of sensitivity. Some humans like red meat appear as expert eaters in comparison with others who are equipped with a cellular glucose and perhaps a fatty-acid receptor. In a change towards obesity, it is not clear whether obesity

With all the progress in information science, however, it is still the case that in the most important and successful cases people have to help themselves. Most people have little knowledge of the microphotographic techniques common in the field as illustrated by the limited amount of the species. My comments tell me that scientists were actually looking for answers, they were not interested in computer science. I have a more professional view over the phone. An easy way, please, to make a short video would make it, in the past, to be opening the door to a new level, with a point, it will be there.

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According to C.A.R. researchers, the average price of a 1999 mid-range sedan was \$17,000, down from \$17,500 in 1998.

The members are expected to give support to the 1998-1999 season and the 1999-2000 season.

The latter offers personal support available on the line of commercial office products, along with the telephone and the computer.



**Figure 1**

Personal copies for the use of an Apple LaserWriter system available. The cost of the request is kept low because of a mailing plan, rather than the routine company's price. Finding a photographer at your home is a matter of convenience rather than convenience, though if you are visiting a lot of people it will save money. You have to look at the time

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Age Group	Total (%)	Male (%)	Female (%)	Unknown (%)
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25-34	22.1	21.5	22.7	21.8
35-44	28.3	27.9	28.8	28.4
45-54	20.5	20.1	20.9	20.3
55-64	12.7	12.3	13.1	12.5
65+	2.2	2.1	2.3	2.0

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## TELECOMMUNICATIONS

## On-line Investing



Whether you are a part-time investor, your home office is just a few key strokes away through America Canada's Internet desktop brokerage service, you have it made! However, when you start on-line, you have to make sure you're getting the most out of the service. Here are some tips to help you get the most out of the service. First, make sure you have a good computer. The service is available on a number of systems, but you need a minimum of 286 or 386 with at least 1 MB of RAM. Second, make sure you have a good modem. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM. Third, make sure you have a good internet connection. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM.

In fact, before the stock prices go back to the normalcy of a good investment, a lot of money is being made. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM.

Just think of it, you can make money from your home. This is not a

trick, it's a real money maker. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM.

It's also a good idea to make sure you have a good computer. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM.

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Regina Capital Markets (RCM) is a leading provider of online investing services. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM. The service is available on a number of systems, but you need a minimum of 288 or 386 with at least 1 MB of RAM.

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## BUYER'S GUIDE

## Buyer's Guide for Used Computers



Personal computers have always been a relatively new phenomenon, so it is not surprising that microcomputers were not very widely in the home. Most people who use PCs are still in the office, school or small businesses. That's why the computer industry is still a very young one. It's only about 10 years old.

But a number of factors are making the market of computers grow faster than ever before. More and more people are using computers at work, at home, and even in their spare time.

Used computers are affordable — at least they were. Now 75 percent of all computers are sold as used. This is because many people who buy a computer for work or school find that they don't need it anymore. They sell it for a fraction of the original price.

## Where to Look

One of the most common places to find used computers is in the classified ads. The ads are usually in the back of the paper, and they are usually in the "Classified" section. You can also find used computers in the classified ads of the back of the paper. You can also find used computers in the classified ads of the back of the paper.

When buying a computer, you should look for a computer that is at least 10 years old. This is because computers that are older than 10 years are usually more reliable. They have been tested and proven to be reliable. They are also usually cheaper than newer computers. You can also find used computers in the classified ads of the back of the paper.

The price of a computer is also an important factor. You should look for a computer that is at least \$1,000. This is because computers that are cheaper than \$1,000 are usually less reliable. They are also usually older than 10 years.

When buying a computer, you should also look for a computer that has a good warranty. This is because a good warranty can protect you from the risk of buying a defective computer.

Finally, you should also look for a computer that has a good reputation. This is because a good reputation can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good price. This is because a good price can be a good indicator of the value of the computer.

When buying a computer, you should also look for a computer that has a good location. This is because a good location can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good brand name. This is because a good brand name can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good support system. This is because a good support system can be a good indicator of the quality of the computer.

## Hard Drives

When buying a computer, you should also look for a computer that has a good hard drive. This is because a good hard drive can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good monitor. This is because a good monitor can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good keyboard. This is because a good keyboard can be a good indicator of the quality of the computer.

## Modems

When buying a computer, you should also look for a computer that has a good modem. This is because a good modem can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good mouse. This is because a good mouse can be a good indicator of the quality of the computer.

## Toll-Free Numbers

When buying a computer, you should also look for a computer that has a good toll-free number. This is because a good toll-free number can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good software package. This is because a good software package can be a good indicator of the quality of the computer.

When buying a computer, you should also look for a computer that has a good user manual. This is because a good user manual can be a good indicator of the quality of the computer.







## MACINTOSH SOFTWARE REVIEW

## MacWrite II

**Product:** MacWrite II  
**Publisher:** Claris, 440 Clyde Avenue,  
 Mountain View, CA 94040 (415) 980-  
 1000

**System Requirements:** minimum  
 Macintosh Plus, System 5.0, two 68000  
 chips  
**Price:** \$99

This major revision of the original Macintosh word processor brings the program up to the major league and places it alongside WordPerfect. There's still Word as a powerful and productive office tool.

The biggest overall change has been documentation: the manual's format is now like the printed look of the document — no more clunky boxes, from the front, and a system choice of colors for each screen as you use and leading (single-point increments).

## Formatting

Claris has a new standard format: right margin approach to paragraph formatting that is different from the standard of MacWrite. Instead of having to insert a new ruler when paragraph format is changed, the ruler of the document is not changed. The ruler of the top of the screen and there will be applied to the current text and subsequently created paragraphs only. In addition, the formatting of paragraph format can be done in a single line. Paragraphs are now numbered for the purpose of editing, text spacing, and text before and after a paragraph.

Results in other word processors and

page layout programs, MacWrite II also does this in a new way — colorless lines of formatted text are shown in a document no matter what the previous formatting. Under the color program, however, MacWrite II also can show the same style as that shown in the last line of the document. This is only in the document, not in the document while printing.

## Merging

Merging text from added to the program. Creating from letters or other mailings, creating a new file containing information captured in fields — names and addresses, for example — separated by tabs, and creating a new file (the field names are placed) where information from the first file is to be inserted. An **ADDRESS** label is added to a new mailing label. The first file is added to the new file. The first file is added to the new file.

## Columns

Paragraph style columns from the front, the first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.

## Colors

Color color can be specified as a color name or by the color code (the first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.



The first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.

right (supported) column available for MacWrite II will not print color. The first column is added to the new file. The first column is added to the new file.

## Fonts

The first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.

## Tabs

The first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.

The first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.

## Conclusion

The first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.

The first column to the bottom, then continues to the top of the next column's new text (supported) up to 16 equal width columns per page. The first column is added to the new file. The first column is added to the new file.

## WORD SOFTWARE

Database:  
File Manager is a DB

**Product:** Database  
**Publisher:** Personal Publishers, 2000  
 Pacific Avenue, Suite 100, Menlo Park,  
 California 94025 (415) 980-1000  
**System Requirements:** Macintosh  
 SE/30, System 5.0 (Macintosh Plus or  
 higher, System 6.0 or higher recom-  
 mended)  
**Price:** US \$99.95

Say "Database" to many Macintosh users and you'll get a lot of people who will say "no." They'll say "no" because they don't know what it is. They'll say "no" because they don't know what it is. They'll say "no" because they don't know what it is.

Database is a new word in the Macintosh world. It's a new word in the Macintosh world. It's a new word in the Macintosh world. It's a new word in the Macintosh world. It's a new word in the Macintosh world.

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## Database Builder

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## LOCAL AREA NETWORKS

## Network /386 - The Next Generation

April's issue of *The Computer Paper* focused on the 386 computer in desktops, the most prevalent desktop ... and a widely accepted operating system is available which takes full

advantage of the computer's capabilities, the unique possibilities of the 386 will not be realized. In only six short years (after a turbulent operating system available. Furthermore, said a

widely accepted 386 operating system is available, 386 application software can be written for this computer.

Well, Microsoft's latest announcement, announced in April, 1988, disrupted our. Microsoft's 386, a complete top-to-bottom rewrite of the world's most popular Networking/Operating System, this year is specifically designed and optimized for the new 386... it will take up

to run on anything less.

I have just returned from the Front 100 Annual Developers' Conference. The entire 3-day event is devoted to Microsoft's new Networking Platform for the 386/486. In all areas - performance, reliability, security and even architecture - the improvements are orders of magnitude above the current offering.



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